

## ■ DuraDrive AT3

Perfect combination of ruggedness and performance

## SATA Solid State Drive



The new DuraDrive AT3 represent the next generation of industrial data storage solutions by offering enhanced durability, reliability and performance in environments considered "too harsh" for a standard drive. Thanks to an advanced controller and premium NAND Flash, the new DuraDrive delivers unprecedented vibration, shock, humidity, altitude and temperature tolerances, while delivering impressive speeds. Supporting access times of 0.1ms, the new DuraDrive really performs and can reach speeds of 250MB/sec sequential read and 170MB/sec sequential write. With ECC/EDC support, bad bit management firmware and patented wear leveling technology, this drive offers extreme reliability. Featuring the industry standard 2.5-inch form factor and SATA II interface, the DuraDrive AT3 is 100% interchangeable with conventional 2.5-inch SATA hard drives. The DuraDrive SSD is geared specifically for applications that require high shock, vibration and/or reliability.

Example industries include:

- Military / Aerospace - Embedded / Industrial Systems - Enterprise Computing
- Medical Industry - Casino Gaming

### Physical Specifications

	DuraDrive AT3
Form Factor	2.5"
Capacity	32GB – 256GB
Dimension	69.85 x 100.20 x 9.00 mm
NAND Flash	SATA-II
Interface	MLC
Power Supply	5.0V +/- 10%

### Environmental Specifications

Humidity	5% to ~98% RH
Operating Altitude	120,000 ft
Operating Shock	1500G
Operating Vibration	16G
Operating Temp.	-40°C to 85°C (I-Temp), 0°C to 70°

### Performance Specifications

Capacity	Sequential Read (MB/sec max)	Sequential Write (MB/sec max)
32GB	140	50
64GB	250	90
128GB	250	100
256GB	250	170

### Reliability Specification

Warranty	3 years
Error Correction	Built in ECC/EDC functionality
Wear Leveling Algorithm	Dynamic and static wear-leveling

### Ordering information

Capacity	Part Number	Part Number (I-Temp)
32GB	FTM32G825H	FTM32G825I
64GB	FTM64G825H	FTM64G825I
128GB	FTM28G825H	FTM28G825I
256GB	FTM56G825H	FTM56G825I